



**BRUCE A. CHERNOF, M.D.**  
Acting Director and Chief Medical Officer

**JOHN R. COCHRAN, III**  
Chief Deputy Director

**WILLIAM LOOS, M.D.**  
Acting Senior Medical Officer

COUNTY OF LOS ANGELES  
DEPARTMENT OF HEALTH SERVICES  
313 N. Figueroa, Los Angeles, CA 90012  
(213) 240-8101

**BOARD OF SUPERVISORS**

**Gloria Molina**  
First District

**Yvonne Brathwaite Burke**  
Second District

**Zev Yaroslavsky**  
Third District

**Don Knabe**  
Fourth District

**Michael D. Antonovich**  
Fifth District

February 10, 2006

**TO:** Each Supervisor

**FROM:** Bruce A. Chernof, M.D.  
Acting Director and Chief Medical Officer

**SUBJECT:** NOTICE OF INTENT TO EXTEND EXISTING INFORMATION  
TECHNOLOGY SUPPORT SERVICES MASTER AGREEMENT  
(ITSSMA) WORK ORDERS N04-0378, N04-0406, N10-0122, N10-0123  
WITH CAL2CAL

This is to advise you of my intent to request the Internal Services Department (ISD) to amend four current ITSSMA Work Orders Nos. N04-0378, N04-0406, N10-0122 and N10-0123 with CAL2CAL, which will expire on March 3, 2006, to extend these Work Orders to August 30, 2006 and to increase the Work Order amounts by a total of \$446,429 to bring the grand total of the four Work Orders to \$1,424,129 as shown on the attached chart. Money may be shifted among the Work Orders, but in no event will the grand total of the Work Orders be exceeded. The extension of the existing Work Orders will exceed the \$300,000 project limit. In accordance with ITSSMA guidelines, prior Board notice is required for projects that will exceed \$300,000.

Your Board was previously advised of these bioterrorism projects in memos dated August 13, 2003 and August 30, 2004.

This extension is to continue to obtain technically skilled contractual staff for the Department of Health Services (DHS) in order to continue several critical automation projects related to bioterrorism preparedness and response to emerging disease threats.

## **BACKGROUND**

In response to funding awarded by the Centers for Disease Control and Prevention (CDC), the DHS Bioterrorism Preparedness and Response Program initiated efforts to develop and implement information systems to support an effective response to bioterrorism or other types of public health emergencies. DHS has utilized ITSSMA to augment its technical resources and to help the Department meet its critical Information Technology (IT) needs. By doing so, the Department has been able to draw upon this technical service to improve its efficiency and effectiveness.

In addition to providing critical support for technical design and implementation activities related to bioterrorism preparedness and response, these contractors assist with critical application development activities, conduct detailed systems analysis, and provide technical solutions essential for the development of an integrated web-based platform for Public Health and the Public Health Information Network (PHIN).

The demand for experienced, qualified technical staff as requested under these ITSSMA procurements has been consistent and is expected to continue through Fiscal Years 2005-06 and 2006-07.

## **SCOPE OF WORK**

The projects supported by these ITSSMA contractors are critical to bioterrorism preparedness and response efforts administered by the Department. Under the direction of the County Project Managers, contracted staff will continue to supplement the Department's technical resources on the following projects. The Scope of Work remains unchanged and consists of the following:

- Healthcare Electronic Data Exchange (HEDEX) – Assist with the design and support the development of standard HL7 v.3 inbound and outbound message processes to enhance data exchange capabilities with Public Health partners.
- PHIN Platform and System Development: Assist with design, staging, and integration of individual Public Health system applications into the PHIN integrated platform.
- Public Health Data Mart and Operational Data Store (Integrated Transactional Database): Assist with the construction of ODS data import capabilities and DataMart ETL (Extract, Transform, and Load) processes to incorporate data coming from the HEDEX interface engine.
- PHIN Application Programming Interface (API): Assist in the construction of processes, tools, and procedures to allow external systems to connect and message to the BT- PHIN architecture.
- Business Intelligence and Geographic Information Systems: Continue to support development efforts with the Cognos business intelligence toolset and ESRI GIS platform and extend data analysis capabilities within Public Health.

Continuation of these projects is essential to maintain the integrity of the Department's IT infrastructure and to ensure compliance with CDC bioterrorism preparedness and response grant requirements, critical State and Federal reporting, as well as facilitating development of detailed architectural systems design, strengthening computer security, and to ensure efficient and effective response to public health emergencies.

These projects conform to the Department's Business Automation Plan, as required by the Chief Information Officer.

### **JUSTIFICATION**

Due to the importance, scope, and complexity of this project, it is critical that DHS obtain the services of individuals with the requisite technical expertise and experience. DHS lacks personnel with the necessary skill sets to manage and execute these projects. The services requested are temporary in nature and will be terminated upon conclusion of these projects.

These consultants perform highly specialized and technical functions, and some have extensive knowledge of systems within DHS including those related to the PHIN initiative and bioterrorism preparedness and response activities. They have acquired detailed knowledge of our technical infrastructure, have an understanding of our business process and procedures, and are experienced with the Department's data systems and applications. Continued use of consultants will allow the Department to maintain the level of IT expertise needed and currently unavailable within the Department.

Failure to approve technical services could significantly delay this project, introduce risk, and result in a loss of federal funding for this purpose if DHS is not able to encumber grant funds within the period of time allowed through the CDC Cooperative Agreement.

### **FISCAL IMPACT**

The additional amount of the Work Orders for the extended period totals \$446,429 of which \$125,000 will be provided by CDC Cooperative Agreement U90/CCU917012-06 for Public Health Preparedness and Response for Bioterrorism grant period ending August 30, 2006, and \$321,429 will be provided by forthcoming rollover of unexpended prior year CDC grant funds. There are no net County costs associated with these activities. Funding is included in the FY 2005-06 Adopted Budget.

### **NOTIFICATION TIMELINE**

Consistent with ITSSMA policies and procedures, we are informing your Board of our intention to extend the term of these four Work Orders and increase the maximum amount of each. On February 23, 2006, we will inform your Board of this request and wait two weeks from this date to instruct ISD to proceed with the amendments.

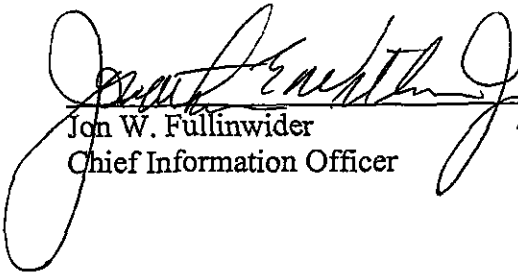
Each Supervisor  
February 10, 2006  
Page 4

If you have any questions or require additional information, please let me know.

BAC:gc

c: Chief Administrative Officer  
County Counsel  
Executive Officer, Board of Supervisors  
Chief Information Officer  
Director, Internal Services Department

**NOTED AND APPROVED:**

  
Jon W. Fullinwider  
Chief Information Officer

2/22/2006  
Date